



2001 Toxics Release Inventory

NEW JERSEY

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	17,854,029
Air Emissions	13,809,784
Surface Water Discharges	3,729,623
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	6
On-site Land Releases to RCRA Subtitle C Landfills	159,935
Other On-site Land Releases	154,682
Off-site Releases (Transfers Off-site to Disposal)*	40,987,748
Total On- and Off-site Releases	58,841,777
Recycled On-site	59,939,298
Recycled Off-site	23,907,690
Energy Recovery On-site	6,403,815
Energy Recovery Off-site	57,979,795
Treated On-site	145,287,049
Treated Off-site**	36,121,594
Quantity Released On- and Off-site***	31,854,796
Total Production-related Waste Managed	361,494,038
Non-production-related Waste Managed	282,988
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	25,083,507
Energy Recovery	55,971,254
Treatment	10,050,970
Publicly Owned Treatment Works (POTWs)	29,099,845
Metals and Metal Category Compounds*	37,535
Non-metal TRI Chemicals**	29,062,310
Other Off-site Transfers****	20,818
Transfers Off-site to Disposal (not including metals to POTWs)	41,095,118
Total Transfers Off-site for Further Waste Management, including Disposal	161,321,511

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

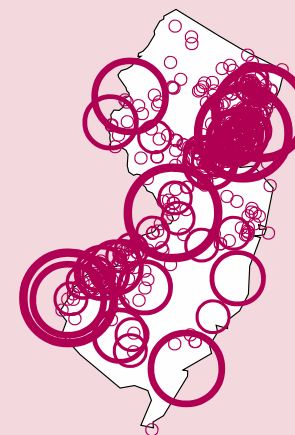
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To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of New Jersey. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	8,511,116
Square Miles	7,419
Total Facilities	604
Total Forms	2,437
Form As	362

	Total
National Rank for Total On- and Off-site Releases*	
Rank	26
Pounds	58,841,777
National Rank for Total On-site Releases**	
Rank	39
Pounds	17,854,029
National Rank for Total Releases within State***	
Rank	27
Pounds	49,259,866
National Rank for Production-related Waste Managed	
Rank	25
Pounds	361,494,038

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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NEW JERSEY

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	4,991	788	0	42,454	18,749,515	18,797,749	31,049	14,623,698	4,126,743
—	Zinc compounds	23,020	19,076	0	100,036	17,858,099	18,000,231	160,595	14,175,199	3,684,383
7647-01-0	Hydrochloric acid	6,114,435	5	0	0	7,546	6,121,986	980	0	7,546
—	Nitrate compounds	283	3,161,494	0	2,730	8,977	3,173,484	35,218	4,877	4,100
—	Copper compounds	1,187	5,754	0	18,117	1,869,367	1,894,425	29,353	582,426	1,292,478

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	4,991.47	788.08	0.00	42,454.34	18,749,515.10	18,797,748.99	31,049.34	14,623,697.79	4,126,742.62
7439-92-1	Lead	4,096.07	9.37	0.00	3,390.00	56,885.78	64,381.22	27,122.79	1,019.13	55,866.66
—	Polycyclic aromatic compounds	1,127.01	35.80	0.00	381.90	1,296.75	2,841.46	16,656.05	492.52	804.23
—	Mercury compounds	483.17	12.60	1.00	37.00	590.17	1,123.94	468.91	18.87	571.30
57-74-9	Chlordane	5.90	80.00	0.00	432.00	25.30	543.20	0.00	0.00	25.30
118-74-1	Hexachlorobenzene	38.20	48.00	0.00	291.00	74.60	451.80	0.00	0.00	74.60
7439-97-6	Mercury	275.30	0.00	0.00	0.50	150.40	426.20	470.02	115.50	34.90
40487-42-1	Pendimethalin	0.00	171.00	0.00	185.00	0.00	356.00	0.00	0.00	0.00
608-93-5	Pentachlorobenzene	60.20	0.00	0.00	0.00	0.00	60.20	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	23.89	0.10	0.00	0.00	22.52	46.51	0.78	0.65	21.87
1336-36-3	Polychlorinated biphenyls (PCBs)	0.61	0.00	0.00	0.00	20.53	21.14	0.00	5.80	14.73
1582-09-8	Trifluralin	16.00	1.00	0.00	4.00	0.00	21.00	0.00	0.00	0.00
76-44-8	Heptachlor	2.60	0.00	0.00	0.00	0.10	2.70	0.00	0.00	0.10
8001-35-2	Toxaphene	0.00	0.10	0.00	0.00	0.30	0.40	0.00	0.00	0.30
72-43-5	Methoxychlor	0.20	0.00	0.00	0.00	0.10	0.30	0.00	0.00	0.10
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	0.00	0.07	0.09	0.02	0.00	0.07
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>8.256</i>	<i>0.430</i>	<i>0.000</i>	<i>1.020</i>	<i>33.180</i>	<i>42.886</i>	<i>9.230</i>	<i>1.100</i>	<i>32.080</i>
309-00-2	Aldrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	Isodrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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NEW JERSEY

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
PSEG Power L.L.C. Hudson Generating Station, Jersey City, Hudson	3,312,406	4,566	0	0	0	33,514	3,350,486	2,377	2,522
Phillips 66 Co., Linden, Union	403,835	1,921,865	0	0	0	0	2,325,700	0	22,265
PSEG Power L.L.C. Mercer Generating Station, Hamilton Township, Mercer	2,277,065	2,802	0	0	0	0	2,279,867	0	0
Du Pont Chambers Works, Deepwater, Salem	257,773	1,178,245	0	0	159,844	0	1,595,862	11	244,718
Conectiv Deepwater Generating Station, Pennsville, Salem	526,947	0	0	0	0	0	526,947	0	34,416
Conectiv B.L. England Generating Station, Beesleys Point, Cape May	490,336	1,103	0	0	0	0	491,439	51,246	0
Roche Vitamins Inc., Belvidere, Warren	388,951	77,067	0	0	0	0	466,018	0	2,639
Ford Motor Co. - Edison Assembly Plant, Edison, Middlesex	434,953	0	0	0	0	0	434,953	347	20,000
Mallinckrodt Baker Inc., Phillipsburg, Warren	64,186	221,427	0	0	0	0	285,613	0	0
Coastal Eagle Point Oil Co., Westville, Gloucester	237,990	14,887	0	0	0	0	252,877	2,247	2,281

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army Headquarters Fort Dix Ranges, Fort Dix, Burlington	54.00	0.00	0.00	0.00	0.00	22,039.70	22,093.70	0.00	0.00
3M Belle Mead, Belle Mead, Somerset	0.00	0.00	0.00	0.00	0.00	11,312.00	11,312.00	0.00	0.00
Du Pont Chambers Works, Deepwater, Salem	19.00	1,054.00	0.00	0.00	6,152.00	0.00	7,225.00	11.00	59,021.40
U.S. FAA William J. Hughes Technical Center, Egg Harbor Township, Atlantic	0.00	0.00	0.00	0.00	0.00	2,643.00	2,643.00	0.00	0.00
U.S. Coast Guard Detachment Sandy Hook, Highlands, Monmouth	1.10	0.00	0.00	0.00	0.00	1,840.00	1,841.10	0.00	0.00
Polyone Corp., Farmingdale, Monmouth	14.00	0.00	0.00	0.00	0.00	1,809.00	1,823.00	1,809.00	83.00
Co-Steel Sayreville, Sayreville, Middlesex	1,412.00	0.00	0.00	0.00	0.00	0.00	1,412.00	0.00	0.00
U.S. Pipe & Fndy. Co., Burlington, Burlington	1,285.00	0.00	0.00	0.00	0.00	0.00	1,285.00	0.00	45,529.00
PSEG Power L.L.C. Hudson Generating Station, Jersey City, Hudson	611.10	1.10	0.00	0.00	0.00	564.00	1,176.20	126.80	272.20
Griffin Pipe Prods. Co., Florence, Burlington	992.77	0.00	0.00	0.00	0.00	0.00	992.77	257,530.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Old Bridge Chemicals Inc., Old Bridge, Middlesex	0	0	0	0	0	0	5,063,875	5,063,875	0
PSEG Power L.L.C. Hudson Generating Station, Jersey City, Hudson	0	0	0	0	150,000	0	3,351,997	3,501,997	0
Phillips 66 Co., Linden, Union	0	2,025	0	0	12,577,430	172	2,349,282	14,928,909	8,200
PSEG Power L.L.C. Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	250,000	0	2,279,474	2,529,474	0
Griffin Pipe Prods. Co., Florence, Burlington	0	0	0	0	0	0	2,219,889	2,219,889	0
Du Pont Chambers Works, Deepwater, Salem	0	838,450	0	0	43,532,930	2,503,724	1,822,804	48,697,909	6,770
Madison Inds. Inc., Old Bridge, Middlesex	0	0	0	0	0	0	1,725,400	1,725,400	0
U.S. Pipe & Fndy. Co., Burlington, Burlington	0	122,138	0	0	0	17,693	642,564	782,395	0
Conectiv Deepwater Generating Station, Pennsville, Salem	0	0	0	0	59,814	0	561,362	621,176	0
Conectiv B.L. England Generating Station, Beesleys Point, Cape May	0	0	0	0	739,335	0	542,689	1,282,024	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Old Bridge Chemicals Inc., Old Bridge, Middlesex	0.00	0.00	0.00	0.00	0.00	0.00	1,684,880.00	1,684,880.00	0.00
Madison Inds. Inc., Old Bridge, Middlesex	0.00	0.00	0.00	0.00	0.00	0.00	353,800.00	353,800.00	0.00
Safety-Kleen Sys. Inc., Linden, Union	0.00	0.00	0.00	0.00	0.00	0.00	341,815.00	341,815.00	0.00
Clean Earth of North Jersey Inc. (F.K.A. S & W Waste Inc.), South Kearny, Hudson	0.00	4,062.00	0.00	0.00	0.00	0.00	300,423.00	304,485.00	0.00
Griffin Pipe Prods. Co., Florence, Burlington	0.00	0.00	0.00	0.00	0.00	0.00	257,551.00	257,551.00	0.00
Du Pont Chambers Works, Deepwater, Salem	0.00	0.00	0.00	0.00	1,162.00	39.00	66,257.00	67,459.00	0.00
U.S. Pipe & Fndy. Co., Burlington, Burlington	0.00	74,693.00	0.00	0.00	0.00	0.00	46,814.00	121,507.00	0.00
Mykroy/Mycalex Ceramics, Clifton, Passaic	0.00	0.00	0.00	0.00	0.00	0.00	35,295.00	35,295.00	0.00
Garlock Bearings Inc., Thorofare, Gloucester	0.00	13,375.00	0.00	0.00	0.00	0.00	25,570.00	38,946.00	0.00
Atlantic States Cast Iron Pipe Co., Phillipsburg, Warren	0.00	0.00	0.00	0.00	0.00	0.00	24,673.00	24,673.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.